

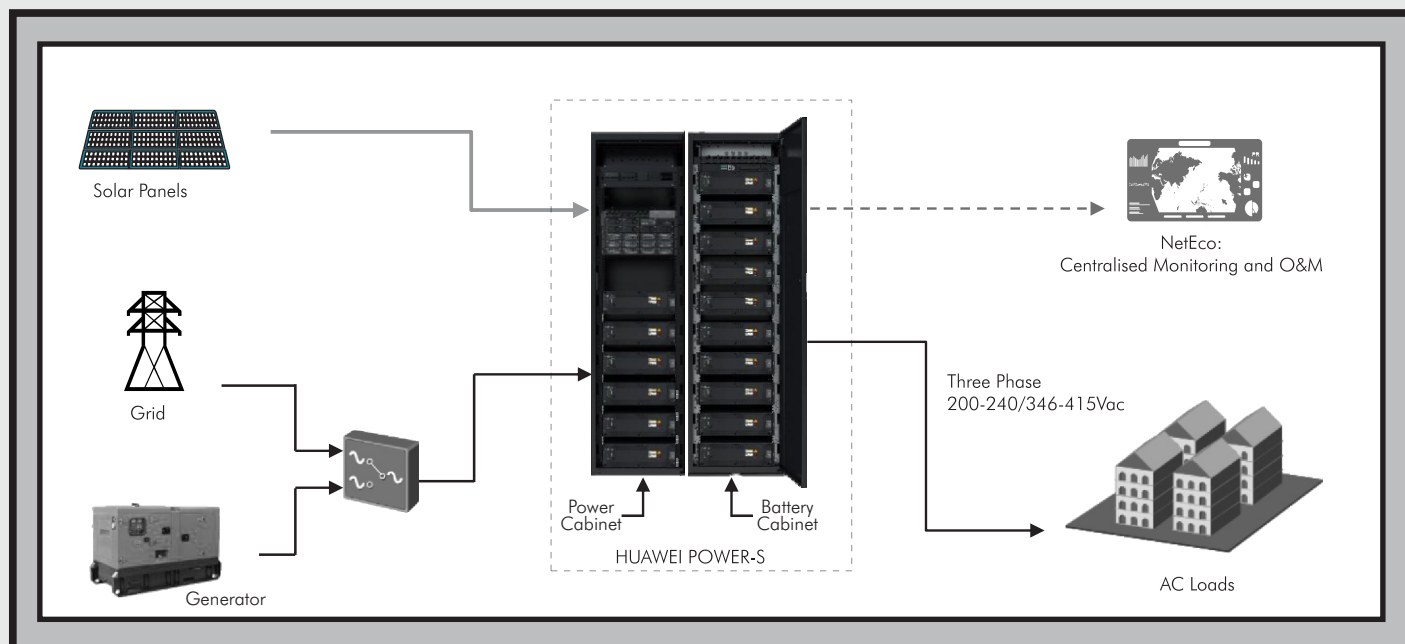


HUAWEI



POWER-S

Intelligent Hybrid Power Solution



Huawei Power-S is an integrated hybrid solar power supply & backup solution providing reliable and consistent power supply from 10kW to 60kW in various commercial and industrial applications. Systems optimize solar power generation feeding directly into the site load whilst also charging the battery pack for night time, supplementary and back-up supply. External power from either mains supply or generator is also fed into the system to top up for the demand load as necessary. Features include:-

- Seamless uninterrupted power with < 10mS switchover from energy sources.
- All-in-one integrated systems of battery, inverter, solar MPPT controller and hybrid energy management system.
- Modular design with 10kW inverters scalable to 60kW, 30kWh Lithium batteries scalable to 120kWh and solar power PV input of up to 144kW. Systems can be specified to suit individual site conditions and requirements.
- Cabinet mounted including all components for simple site installation
- Centralised monitoring and control on remote App
- Intelligent generator control (when fitted) enabling reduced generator sizing

Huawei Power S provides continuous and seamless power from the optimal supply source at minimum cost and maximum efficiency ensuring uninterrupted power in all power supply conditions.

POWER-S INDOOR CONFIGURATION

DETAILS	10kW+20kWh	15kW+30kWh	30kW+60kWh	40kW+80kWh	60kW+80kWh	60kW+120kWh
Inverter Size, kW	10	15	30	40	60	60
Max PV Input, kWp	15	17	35	52	70	
DC PV Input Voltage	90-440VDC					
AC Input/Output	Single/Three Phase, 240/415VAC					
Rectifier, kW	8	16			64	
Solar MPPT Charger, kW	16		32	48	64	
Battery Size	2x200AH, 48VDC	3x200AH, 48VDC	6x200AH, 48VDC	8x200AH, 48VDC		12x200AH, 48VDC
Battery Capacity, kWh	20	30	60	80		120
Power Cabinet	1			2		
Battery Cabinet	0		1			
Dimensions, LxWxH (mm)	600x600x2100		1200x600x2100		1800x600x2100	
Weight, Kgs	400	521	976	1406	1441	1814
Protection Level	IP20(Indoors)/IP55(Outdoor)					

Notes:

1. **Components:** Battery, Inverter Charger, Solar MPPT, Bypass, AC SPD, EMS, Generator Controller, Internal Cables, Communications Module
2. **Common C&I:** Typical Average Load PF > 0.83; Data Centre Equipment: Typical Average Load PF - 1
3. **Optional:** Power-S Systems for outdoor applications also available on request